

**Water District 170  
Annual Meeting Minutes  
January 22, 2008  
Challis, Idaho**

The meeting was called to order at 7:00 p.m. by Chairman Gary Chamberlain.

Mr. Chamberlain stated he is willing to remain the meeting Chairman and Nick Miller has agreed to take the meeting minutes unless anyone opposed. No one opposed.

The minutes from the 2007 annual meeting were read by Tim Luke. Jim Hawkins moved to approve the minutes as read. This was seconded by Mike Cutler. The motion passed unanimously.

Nick Miller reviewed the water district activities of 2007. This information is included in the attached report prepared by Mr. Miller. Mr. Miller noted that the amount of time spent on WD170 activities may not be representative of future watermaster activities and should not be used as a basis for predicting future water district costs because much of Mr. Miller's activities could be considered IDWR administrative work (such as reviewing measuring device plans). Gary Chamberlain asked if Mr. Miller could separate his watermaster duties from his IDWR duties and provide a revised estimate. Mr. Miller indicated this may be difficult based on the type of work he has been doing, but could in the future if tasks associated with the two roles were defined.

Mr. Miller reviewed the proposed activities for 2008. This includes initiation of measurement and reporting in Basin 71 this spring and in Basin 72 next spring. Mr. Chamberlain raised the subject of forfeiture, and noted that there will now be a record of usage history and that some users may not be aware that the statutes provide that a right may be forfeited after 5 years of non-use. Several questions followed about the conditions when a right would be forfeited, either entirely or partially.

Tim Luke indicated that IDWR does not seek out and pursue rights to be forfeited, but some states do. Rather, he said, the water right must be involved in some administrative action, such as a transfer, before IDWR will consider forfeiture. Gary Chamberlain indicated that users have options to avoid forfeiture, such as the Water Supply Bank and an application to IDWR for extension of time to avoid forfeiture. Bob Foster raised the point that a portion of a water right may be placed in the water bank, but a proportional amount of land must be idled as well. A user asked if a right can be partially forfeited. Mr. Miller indicated that can happen, but a right must be involved in an administrative action for that to be considered by IDWR. Mr. Miller also indicated that the statutes provide defenses to forfeiture and partial forfeiture, and that a reduction in water use due to water conservation practices is not grounds for partial forfeiture.

Mr. Miller discussed the proposed expansion of WD170 into Basins 73, 74, and 75, how long IDWR would provide watermaster services free of charge, as well as the future organization of WD170 and subdistricts, and noted that each of these topics is uncertain, pending the outcome of the Thompson Creek suit.

Mr. Miller said the 7<sup>th</sup> District Court held a hearing on the Thompson Creek suit in late November, but hasn't issued a decision. If the court does not uphold the creation of WD170, it will likely remand the issue back to IDWR, probably with specific items that must be revised.

Mr. Miller noted that water measurement and reporting in Basins 71 and 72 next year will likely require that users in those basins adopt a budget to fund at least one or more seasonal employees to perform the day to day, on the ground operations of the district. The intended organization is that users form a subdistrict in Basin 71, and possibly a sub-district in parts of Basin 72 (for that area not currently in a subdistrict or existing water district). To that end, a meeting of Basin 71 users might be held later in the summer to discuss formation of a subdistrict.

Jim Hawkins asked whether they should form a subdistrict now and be ready for spring of this year. Mr. Miller indicated that they would not gain from doing so this year, since IDWR is still providing the watermaster services, which includes the on the ground role at no cost to the users. Mr. Chamberlain reiterated that in 2009, the local users would be able to fund a local employee and run the sub-district at a lower cost than if they had to pay the State.

Tim Luke indicated that the Director has stated that WD170 would not assess a functioning subdistrict as long as the subdistrict was adequately providing the day-to-day watermaster duties. In other words, if users form a subdistrict, they would collect their own assessments, set their own budget and would not be required to pay anything to the larger district.

Gary Chamberlain stated that he would read the adopted resolutions from 2007, and reminded the users that adopted resolutions will remain in effect perpetually, until changed or replaced by resolutions adopted at future meetings. He then read the adopted resolutions from 2007 and two proposed resolution additions/modifications. Jim Hawkins moved that a typographic error be corrected and the resolutions be approved as corrected. Rick Phillips seconded the motion. The motion passed with none opposed. The adopted resolutions (with the correction) are attached to these minutes.

Mr. Chamberlain asked if anyone desired to change the meeting date. Some discussion ensued as users considered the dates of subdistrict meetings and other water district meetings throughout the state, as well as whether absentee land owners would be able to attend. Following the discussion, Mr. Chamberlain asked for a motion to change the date. No motion was presented.

The 2008 WD170 annual meeting is scheduled for 7:00 pm on the 4<sup>th</sup> Tuesday in January – January 27, 2009 – at the Custer County Courthouse in Challis, ID.

Rick Phillips moved that the existing Advisory Committee members and Water District Officers be reappointed for 2008. This motion was seconded by Tina Hawkins. The motion passed with none opposed.

The meeting adjourned at 7:46 p.m.

**AGENDA**  
**WATER DISTRICT 170**  
**2008 ANNUAL MEETING**  
**Tuesday, January 22, 7:00 pm**  
**Challis Court House**  
**Challis, ID**

Call Meeting to Order	Gary Chamberlain
Selection of Meeting Chairman and Secretary	
Read and Approve Minutes from 2007 Annual Meeting	
Watermaster's Report	Nick Miller
<ul style="list-style-type: none"><li>– 2007 activities and costs, goals and activities for 2008</li><li>– Legal Challenges update</li><li>– Expansion of WD170</li></ul>	
Present Proposed Resolutions and Budget	Chairman
<ul style="list-style-type: none"><li>– Read 2007 adopted resolutions</li><li>– Revision/Adoption of Resolutions and Budget and Election of Watermaster</li></ul>	
Caucus Selection of Advisory Committee Members	Chairman
Other Items of Business	Chairman
Adjournment of Meeting	Chairman

# Upper Salmon Water District No. 170

## ADOPTED RESOLUTIONS

### **RESOLUTION REGARDING DISTRICT BYLAWS (Adopted 2007)**

The Idaho Department of Water Resources (IDWR) Watermaster Handbook and related Idaho Statutes (both as may be duly amended from time to time) and Resolutions as duly approved by the water right owners of the District shall serve as the Upper Salmon Water District No. 170 Bylaws.

### **RESOLUTION OF OFFICER AUTHORITY (Adopted 2007)**

Upon being duly elected by water right owner majority vote at their Annual Meeting the Secretary/Treasurer shall, until replaced by subsequent majority vote of the water right owners in their Annual Meeting or special meeting called for such purpose, have full authority to sign on behalf of the District including, but not limited to, the District bank account(s). The Chairman and Watermaster shall also have alternate signature authority for the District bank account(s).

### **RESOLUTION OF DISTRICT PAYMENT TERMS (Adopted 2007)**

1. Annual Adopted Budget payment shall be payable on or before March 1; any other billing within thirty (30) days following such billing; the postmark date will be considered the date of payment.
2. If not paid by April 1<sup>st</sup> the water user shall be charged in accordance with Statute 42-613 which provides for a Late fee of 10% of the amount due and interest of 1% per month.
3. If not paid in full (partial payments shall not be acceptable) including Late Fee by April 1<sup>st</sup>, Treasurer shall so inform the Watermaster who shall immediately terminate water delivery to the water right owner who is in payment default.
4. Treasurer must thereafter receive the original invoice amount, Late Fee(s) plus a \$25.00 Watermaster Service Fee before Treasurer shall advise the Watermaster who shall then again deliver the applicable right(s).
5. A returned or insufficient fund check shall require the Treasurer to so advise the Watermaster who shall immediately terminate the appropriate water delivery. All monies originally due plus applicable bank charges and any charges then resulting from unmet District payment terms must be paid in cash, cashier's check or money order before Treasurer shall so advise the Watermaster who shall then deliver the appropriate water right(s).
6. In the event payment in full is not received by the end of the then current irrigation season (or sooner if the Treasurer determines sale of the property and associated water right[s] is imminent), the Treasurer may, on behalf of the District, initiate legal action in Small Claims Court against the water right owner(s). Eventual recovery is to include costs incurred by such action as well as all other monies due.

Note: When a water delivery termination is imminent and there are others utilizing the same diversion that could be affected, those others affected shall, whenever possible, be advised of said delivery termination as soon as possible after the problem arises so they shall have the opportunity, if they so desire, to deal with the matter as they may deem appropriate before water delivery is reduced by the amount covered by the applicable right(s) being terminated

### **RESOLUTION REGARDING MINIMUM USER FEE (Adopted 2007)**

Until changed by subsequent Resolution or otherwise altered by majority vote of the water right owners in their Annual Meeting or special meeting called for such purpose, it is herewith resolved that the Minimum User Fee shall be \$50.00 per water right owner in accordance with the maximum amount allowed by Idaho Statute.

### **RESOLUTION REGARDING WATER RIGHT OWNERSHIP BY MULTIPLE PARTIES (Adopted 2007)**

Any water right(s) owned by more than one individual (or married couple) shall declare a single individual (or married couple) who shall represent all other owner's interests and be the primary contact with the District on relevant District issues.

### **RESOLUTION REGARDING PROXY VOTING & SUBORDINATED WATER RIGHT(S) (Adopted 2007)**

1. In accordance with District Bylaws proxy votes shall not be allowed "except that in the absence of the owner a right may be voted by another person present who has the use of the right for the ensuing season, such as a tenant, lesser or contract purchaser".
2. In such case(s) or whenever a right is subordinated and/or "worked" by anyone other than the owner a form adopted and provided by the District shall be completed and returned to the Secretary/Treasurer to remain on file throughout the term stating with whom such agreement exists, whether such voting right is granted, and/or granting authority to represent the water right owner on any other water issues that may arise during the irrigation season or balance of the agreement term to be recorded by water right owner with the County Recorder of jurisdiction.

### **RESOLUTION OF ANNUAL MEETING DATE(Adopted 2007)**

Until changed by subsequent Resolution or otherwise altered by majority vote of the water right owners in their Annual Meeting or special meeting called for such purpose, it is herewith resolved that the Water district 170 Annual Meeting shall be the fourth (4<sup>th</sup>) Tuesday in January on a date, time and place to be determined at the Annual Meeting each successive year.

### **RESOLUTION OF OFFICER'S ELECTION (Adopted 2007)**

Until changed by subsequent Resolution or otherwise altered by majority vote of the water right owners in their Annual Meeting or special meeting called for such purpose, it is herewith resolved that District Officers shall be elected at the end of each Annual Meeting allowing incumbents to conduct the entire meeting and Agenda business prior to any potential change(s).

### **RESOLUTION REGARDING 2007 WATERMASTER (Superceded by 2008 resolution No. 2)**

IDWR shall be elected to provide the Watermaster and Secretary/Treasurer services for the USWD and that the Director name and appoint Department employees to serve for the ensuing year at no expense to the USWD.

## **RESOLUTION REGARDING ADVISING COMMITTEE STRUCTURE (Adopted 2007)**

An Advisory Committee shall be elected to provide input to the watermaster and the Director of IDWR. The advisory committee for the ensuing year shall be comprised as follows:

*(to be selected at each annual meeting, 2006 members are shown for reference)- All 2006 members were re-appointed in 2007 and 2008*

Basin 71 irrigation representative(s) (3)

*Pat Brady*

*Mark Henslee*

*Jay Neider*

Basin 72 sub-districts, one each (3 total)

*Garden Creek – Alan Henderson*

*Challis Creek – Jack Challis*

*Morgan Creek – Jim Hawkins*

Basin 72 non sub-district area irrigation (2)

*Gary Chamberlain*

*Mike Cutler*

Basin 71 & 72 commercial/industrial/municipal/other uses (3)

*Bert Doughty, Thompson Creek Mine*

*City of Challis*

*US Forest Service (1)*

*To be appointed by the agency*

*US Bureau of Land Management (1)*

*To be appointed by the agency*

Non-Voting members from Basins 73-75

*Advisory committee will ask for representatives from those basins.*

Seats may be added to or subtracted from the Advisory Committee in subsequent years depending on further revisions or expansions of the district boundaries to be determined as necessary. Each group represented may also select an alternate for each seat. Candidates will be voted on at caucus during the annual meeting. The advisory committee will meet as often as needed to address the structure, governance and operation of the district. Decisions or recommendations of the Advisory Committee must be made with a minimum of two-thirds of the members in attendance and a majority of those Advisory Committee members present in favor.

## **2008 Adopted Resolution Additions/Modifications**

THE WATER USERS OF THE UPPER SALMON WATER DISTRICT, DESIGNATED AS WATER DISTRICT NO. 170, MEETING AT THE ANNUAL DISTRICT MEETING ON JANUARY 22, 2008, AT THE CHALLIS COURT HOUSE IN CHALLIS, IDAHO, HEREBY PROPOSE THE FOLLOWING RESOLUTIONS TO REMAIN IN EFFECT UNTIL MODIFIED OR AMMENDED IN FUTURE WD170 ANNUAL OR SPECIAL MEETINGS:

1. The USWD Watermaster's term of service shall begin upon annual meeting election and continue until the next annual meeting.
2. Watermaster services for the USWD shall continue to be provided by IDWR in 2008, and that the Director name or appoint a Department employee to serve as the USWD Watermaster for 2008 at no expense to the USWD.

**PROPOSED BUDGET  
FOR  
2008/2009**

**WATER DISTRICT NO 170  
UPPER SALMON RIVER**

NICK MILLER, WATERMASTER  
IDAHO DEPARTMENT OF WATER RESOURCES  
322 E. FRONT STREET  
BOISE, ID 83722

**SECTION 42-615, IDAHO CODE**

PROPOSED BUDGET FOR SUCCEEDING YEAR. Each watermaster shall, at least thirty (30) days prior to the annual meeting of the water users of theater district, also prepare and file with the department of water resources a proposed budget for the succeeding year, together with a distribution of the amount of said budget to the respective water users, using the actual deliveries for the past irrigation season or seasons, as the basis for said distribution as hereinabove provided, which said proposed budget and distribution shall be submitted to the water users for consideration and approval at the next annual water meeting.

In conformity with the above statute, I hereby submit a Proposed Budget for 2008.  
(YEAR)

  
WATERMASTER

***PROPOSED BUDGET:***

The Idaho Department of Water Resources (IDWR) has been elected to provide watermaster services for water district No. 170 for the 2008-2009 season. IDWR has offered to provide these services at no cost to the users of Water District No. 170. As such, the proposed budget for Water District No. 170, The Upper Salmon River, is \$0.00 for the 2008-2009 season.

## OVERVIEW

This report provides an overview of the activities and developments of Water District No. 170, Upper Salmon River (WD170) from March 2007 through January 2008.

WD170 was created by an IDWR order issued on March 6, 2006 and a final, amended order dated April 06, 2006. Under these orders, WD170 comprises all surface and ground water rights within IDWR Administrative Basins 71 and 72, with the exception of small rights used solely for domestic and stockwater purposes<sup>1</sup>. Water rights within existing water districts (Water District No. 72-A, Challis and Garden Creeks, and Water District 72-F, Morgan Creek) are now within WD170, and the existing water districts have been designated as sub-districts within WD170, so the day-to-day administration of those water rights is unchanged.

Aside from the two existing water districts in Basin 72, little formal water administration has taken place in Basins 71 and 72 prior to the creation of WD170. Few of the diversion works are equipped with measuring devices and users are unfamiliar with water districts and water right administration. As such, the new water district is being brought into operation through a series of steps and has not yet become fully functional. The table below shows the intended progression of the district formation.

Time period	Activities
Spring 2006	<ul style="list-style-type: none"><li>• Create WD170 in Basins 71 and 72</li></ul>
Summer/Fall 2006	<ul style="list-style-type: none"><li>• Field Inventory focused in Basin 71</li></ul>
Winter 2006	<ul style="list-style-type: none"><li>• Issue Order requiring measurement and control in WD170</li></ul>
Spring 2007	<ul style="list-style-type: none"><li>• Basin 71 plans for compliance with measurement and control due to IDWR</li></ul>
Summer/Fall/Winter 2007	<ul style="list-style-type: none"><li>• Inventory work in Basin 72,</li><li>• Working with Basin 71 users on measurement and control</li></ul>
Spring 2008	<ul style="list-style-type: none"><li>• Basin 72 plans for compliance with measurement and control due to IDWR</li><li>• Installation of measurement and control in Basin 71 required by start of the irrigation season</li></ul>
Summer 2008	<ul style="list-style-type: none"><li>• Begin measurement and reporting of diversions in Basin 71 and more active administration where necessary. IDWR to provide on-the-ground support</li><li>• Working with Basin 72 users on measurement and control</li></ul>
Spring 2009	<ul style="list-style-type: none"><li>• Installation of measurement and control in Basin 72 required by start of the irrigation season</li><li>• Likely begin adopting a budget to fund local on-the-ground support for WD170, but IDWR may still provide WM services</li></ul>
Summer 2009	<ul style="list-style-type: none"><li>• Begin measurement and reporting of diversions in Basin 72 and more active administration where necessary.</li><li>• Local, user-funded district employee(s) to provide on-the-ground support</li></ul>
Future	<ul style="list-style-type: none"><li>• Formation of additional sub-districts as necessary</li><li>• Possible inclusion of Basins 73, 74, and 75 into WD170</li></ul>

<sup>1</sup> Small domestic and stockwater rights are those rights meeting the definitions of Idaho Code 42-111 and/or 42-1401A(11).



# 2007 ACTIVITIES

## DIVERSION INVENTORY

Much of the 2007 season was spent conducting an inventory of diversions in WD170. Although much of the work had been completed in 2005 and 2006, most of that inventory work was performed in Basin 71. The table below summarizes the inventory work conducted in WD170 to date. Note that the inventory work is focused on larger diversions (those that may require measurement and control per the February, 2007 IDWR order), and the numbers in the tables below reflect only those diversions.

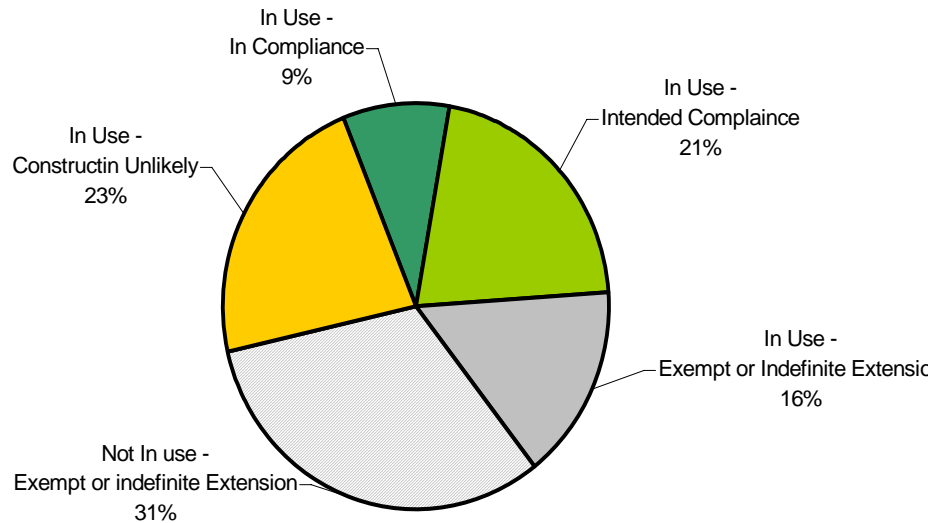
Inventory Status	Number of Locations	
	Basin 71	Basin 72
Complete	126	131
Incomplete	7	154
Not Planned	9	56
Postponed	18	152
Total Diversions	160	493

In the table above, “Incomplete” status indicates the location is expected to be inventoried, but has not been visited yet. The category “Not Planned” includes all locations that were listed on the order, but have been found to not require measurement and control, or were found to be redundant, etc. The “Postponed” category includes locations in existing subdistricts, locations associated with permits that have not been developed, and locations for which other circumstances render the location a lower priority for inventory.

## MEASUREMENT AND CONTROL IN BASIN 71

The February 20, 2007 IDWR requiring measurement and control in WD170 requires that diversions in Basin 71 be in compliance by the start of the 2008 irrigation season. The chart below summarizes the current status of the 160 points of diversion in Basin 71 for which measurement and control are required. Diversions in Basin 72 are not required to submit plans until June of 2008 and do not need to comply until the start of the 2009 irrigation season, so this report only discusses the Basin 71 status.

## Basin 71 2008 Compliance Status



About 31% of the water right points of diversion are not in use. These points of diversion are locations for which the water rights are in the Water Supply Bank, or they are legal points of diversion that were included on a permit, but were never developed, or they are points of diversion that are simply not being used. These points of diversion were generally issued an extension of time to comply with the measuring device requirements. The extension allows the user to not install measurement and control at the location until the location is used again. About 16% of the 160 points of diversion are in use, but were issued an exemption or extension of time to comply for various reasons, such as pending fish screen installation, pending water right changes, etc. The remaining 53% are locations that are actively being used to divert water and have already installed compliant structures (9%), have submitted plans and intend to install the structures in the spring (21%), or are otherwise not likely to have structures in place by spring (23%). The last group includes a relatively small number of water right owners that divert from a large number of locations on a few tributary streams. The majority of these users are in contact with IDWR and some have submitted plans, but a variety of circumstances contribute to the probability that these locations may not have measuring devices (most already have controlling works) installed by the start of the 2008 irrigation season. Although a formal extension of time for compliance has not been issued, most of the owners have been in contact with IDWR and the Watermaster, so it is unlikely that the Watermaster or IDWR will pursue enforcement actions immediately for most of the users in this group.

## MISC. FLOW MEASUREMENTS

Although the district is not fully functional, several flow measurements were performed on a number of diversions throughout the 2007 season. These measurements are summarized in the table below.

Diversion Name	Date	Method	Flow Rate (cfs)	Gage Height (ft)*	Comments
EC1	12-Jul-07	FlowTracker	3.59	NR	
EC1	17-Jul-07	FlowTracker	3.68	NR	
EC2	12-Jul-07	FlowTracker	1.70	NR	
EC2	17-Jul-07	FlowTracker	1.44	NR	
FJC1	02-Aug-07	Installed Flume	7.0	DR	
FJC2	02-Aug-07	Installed Flume	0.5	DR	
FJC3	02-Aug-07	FlowTracker	4.34	NR	
GC1	23-Aug-07	FlowTracker	0.30	NR	Value was calculated by taking measurements above and downstream of the diversion.
GC2	23-Aug-07	Observation	0	NR	
GC2A	23-Aug-07	FlowTracker	1.58	NR	
GC3A	23-Aug-07	FlowTracker	0.3	NR	
GC4	23-Aug-07	FlowTracker	0.99	NR	
GC5	23-Aug-07	Observation	0	NR	
GC7A	23-Aug-07	FlowTracker	1.17	NR	
GC7B	19-Jun-07	FlowTracker	0.98	NR	
GC7B	23-Aug-07	FlowTracker	0.77	NR	
GC8	19-Jun-07	FlowTracker	3.1	NR	
GC8	23-Aug-07	Visual estimate	0.6	NR	Estimated as one-half the flow of GC9 at the same time
GC9	19-Jun-07	FlowTracker	4.6	NR	
GC9	23-Aug-07	FlowTracker	1.3	NR	
IC0	18-Jul-07	Observation	0	NR	
IC0A	18-Jul-07	Observation	0	NR	
IC0B	18-Jul-07	Observation	0	NR	
IC1	18-Jul-07	Observation	0	NR	
IC2	18-Jul-07	FlowTracker	2.16	NR	
IC4	18-Jul-07	FlowTracker	3.32	NR	Below fish screen but above split
IC6	18-Jul-07	FlowTracker	0.175	NR	
MC1	19-Jul-07	Observation	0	NR	
MC2A	19-Jul-07	FlowTracker	1.7	NR	
MC2B	19-Jul-07	Observation	0	NR	
MC3	19-Jul-07	Observation	0	NR	
S40	13-Jul-07	Installed Flume	21.4	1.31	
SLC1	13-Jul-07	FlowTracker	1.38	0.37	
SLC1	13-Jul-07	FlowTracker	1.87	0.44	
SLC1	13-Jul-07	FlowTracker	2.51	0.53	
SLC1	13-Jul-07	FlowTracker	2.53	0.54	
SLC1	18-Jul-07	FlowTracker	2.50	0.55	
VC1	20-Jul-07	FlowTracker	10.40	NR	Approx 20ft downstream in VC1 from headgate - Above Fish Screen
VC1	20-Jul-07	FlowTracker	5.98	NR	Approx 35 ft below fish screen
VC1(PIVA)	13-Jul-07	FlowTracker	3.00	NR	Measured at Piva/Sylva split
VC1 (SYLVA)	13-Jul-07	FlowTracker	2.77	NR	Measured at Piva/Sylva split

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Diversion Name	Date	Method	Flow Rate (cfs)	Gage Height (ft)*	Comments
VC3	17-Jul-07	FlowTracker	4.48	NR	
VC4	17-Jul-07	FlowTracker	1.91	NR	Measured above fish screen
VC5/6	21-Jun-07	FlowTracker	5.7	NR	
VC5/6	20-Jul-07	FlowTracker	7.26	NR	

\*NR – no reading because no staff gage is installed and no reference is defined.

\*DR – direct read staff gage.

## PUBLISHED STREAM GAGE READINGS

Several stream gauging stations are present within WD170. The stations are maintained by either the United States Geological Survey (USGS) or Idaho Power (IP). Both organizations publish daily stream flow data on the Internet. Daily stream flow data for each of the gauging stations are included as appendices to the water distribution report.

## EXPENSES

At this time, IDWR is providing watermaster services at no expense to the WD170 users. As such, WD170 has not needed to adopt a budget and will not need to in 2008. However, the WD170 Advisory Committee asked that the Watermaster provide an accounting of the time and expense associated with watermaster activities. The intent is to use the record of the time spent on district activities to help the users estimate and anticipate the cost they may incur when IDWR no longer provides this service at no cost. The table below summarizes the information requested by the WD170 Advisory Committee for the period from March 13, 2007 (the date of the 2007 WD170 Annual Meeting) through January 1, 2008 (the end of the year).

Note that the expenses shown below represent activities associated with WD170 and may not be a reliable indicator of the amount of time, mileage, or hotel expenses to be expected during future years. Given that the majority of the time spent in WD170 this year was spent on tasks (such as inventory work and implementation of the measurement and control order) that, having been accomplished now, will likely not be necessary during future years.

Description	Hours	Est. Cost	Subtotal
Hours spent traveling and fieldwork	271	\$ 30.00	\$ 8,130.00
Hours spent with office work, meetings, etc	449	\$ 30.00	\$ 13,470.00
<b>Total Hours Spent on 170 Related Activities</b>	<b>720</b>	<b>\$ 30.00</b>	<b>\$ 21,600.00</b>

Description	Nights	Cost	Subtotal
<b>Hotel Costs</b>	<b>18</b>	<b>\$ 60.00</b>	<b>\$ 1,080.00</b>

Mileage	Miles per Trip	Total Miles	Cost per mile	Subtotal
Round trips to WD170 = 12 Trips	250	3000	\$ 0.50	\$ 1,500.00
Estimated mileage in WD170 = 12 Trips	100	1200	\$ 0.50	\$ 600.00
<b>Total Mileage = 12 Trips</b>	<b>350</b>	<b>4200</b>	<b>\$ 0.50</b>	<b>\$ 2,100.00</b>

**Total Cost \$ 24,780.00**

As an estimate of how this total cost translates into a cost to an individual (if the district had to fund a budget of \$24,780), the total water right diversion rates could be multiplied by the season of use to come up with a maximum volume deliverable by the district. However, given combined limits on diversion rates, a simpler method is to assume irrigation accounts for the bulk of the water delivered and estimate the volume based on the number of irrigated acres. Approximately 36,500 acres are authorized to be irrigated in WD170, and water rights are generally licensed to divert about 1"/acre (0.02 cubic feet per second per acre) or more. So, an estimate of the annual diversion volume for all of WD170 would be on the order of 113,150 24-hr second feet (730 cfs for 155 days), or 226,300 acre feet. WD72-A and 72-F each divert approximately 10,000 24-hr second feet, so an estimate for the rest of WD170 is about 93,000 24-hr second feet.

Given the estimate of annual usage above, and recognizing that the actual use may vary significantly from this estimate, the table below provides examples of the cost per 24-hr second foot to fund a budget of \$24,780.

Example total 24hr-second feet	Budget	Cost per 24hr-second foot
80,000	\$24,780	\$ 0.310
90,000	\$24,780	\$ 0.275
93,000	\$24,780	\$ 0.266
120,000	\$24,780	\$ 0.207
150,000	\$24,780	\$ 0.165

# **WD170 – WHAT TO EXPECT IN 2008**

## **Basin 71 Users:**

- WD170 will contact you prior to the start of the irrigation season and provide you with report forms and instructions for reporting diversion amounts.
- WD170 Watermaster will visit each diversion at the start of the irrigation season to ensure the control and measurement structures are installed and functioning.
- WD170 Watermaster will visit each diversion periodically throughout the irrigation season to measure and record diversion rates.
- Water use must be authorized by, and consistent with all elements of, a valid water right, permit or license. Unauthorized diversion of water will be regulated by the WD170 Watermaster. The diversion owner and IDWR will be contacted and enforcement actions may be pursued.
- Potential for a Basin 71 stake holders meeting to discuss formalizing a sub-district to operate in 2009.

## **Basin 72 Users:**

- Water district and IDWR staff may visit your property to conduct an inventory of diversion locations.
- Owners of diversions in Basin 72 listed in the February 20, 2007 order requiring measurement and control in WD170 must contact IDWR by June 1, 2008 and provide plans for bringing diversions into compliance with the order, or request an extension of time to comply, or request an exemption from the order.
- WD170 Watermaster will visit some diversions throughout the irrigation season to measure and record diversion rates.
- Water use must be authorized by, and consistent with all elements of, a valid water right, permit or license. Unauthorized diversion of water will be regulated by the WD170 Watermaster. The diversion owner and IDWR will be contacted and enforcement actions may be pursued.